

Date: Fri, 22 Apr 94 04:30:21 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V94 #107
To: Ham-Homebrew

Ham-Homebrew Digest Fri, 22 Apr 94 Volume 94 : Issue 107

Today's Topics:

 Ethernet coax antenna feed?
 POLICE BBS
 Ramsey responsive (was Re: Ramsey kits)
 RF sensing T/R switch
 Source for Piston Trimmer Caps ?
 what can cause chirp in homebrew CW transmitter?

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Apr 94 16:41:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ethernet coax antenna feed?
To: ham-homebrew@ucsd.edu

On 18 Apr James Wrote:

>Does anyone have experience using IEEE 802.3 "thicknet" cable for antenna
>feeds?

>I am thinking about using it for HF longwire antenna leadin from Balun. It
>is bright yellow, 50 ohm, well shielded (two foils and 2 braid layers), has
>one 12 ga. solid center conductor, attaches easily to PL-239's. Plus I have
>a bunch otherwise going to waste.

>

>Seems like the perfect stuff but I thought I might save myself some grief
>if my plans are doomed for some reason I don't see.

— —

I had the pleasure of chatting with John Ramsey last week at the International Wireless Communications Expo. Though I have been critical of the FX series radios, I wanted to post a Usenet note mentioning that I admire John's energy, enthusiasm, and responsiveness to customer desires. I must say, John has a straight-on personal style, and that is refreshing.

— — —

Date: Tue, 19 Apr 1994 20:05:42 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!wetware!spunky.RedBrick.COM!psinntp!psinntp!
arrl.org!zlau@network.ucsd.edu
Subject: RF sensing T/R switch
To: ham-homebrew@ucsd.edu

Ken Brune (kbrune@bga.com) wrote:

: Anyone out there messed around with an RF sensing T/R switch? I have been
: thinking of building one for an amp. Thanks in advance ... Ken WL7IR

Yes, a simple diode detector will do fine for detecting RF and triggering a sequencer. However, I prefer to put a current limited DC voltage on the coax instead. This is even easier to detect.

This works a lot better on SSB/CW, because it isn't necessary to incorporate a timing delay to keep the amplifier in transmit during short pauses. The delay is often too short when you are talking and too long when you want to listen.

I use a sequencer to assure the antenna is hooked up before the amplifier is ready to put out power. Some amplifiers don't like to see an open circuit. I think relays last longer if you don't switch them while many watts of RF is applied.

--

Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: Wed, 20 Apr 1994 16:48:09 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!gerald@cc.utexas.edu!
portal.austin.ibm.com!awdprime.austin.ibm.com!sehneg@network.ucsd.edu
Subject: Source for Piston Trimmer Caps ?
To: ham-homebrew@ucsd.edu

I know MC Howard Electronics here in Austin has some. They are a surplus place, so I don't know what you require when you say reliable. I suspect once the stock is gone, it's gone. Sorry I don't have their number handy but they should be reachable by directory assistance. They also have compression/mica trimmers. Regards, Gary N2KTY

Date: 20 Apr 1994 15:47:58 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!cs.utexas.edu!swrinde!gatech!
newsxfer.itd.umich.edu!zip.eecs.umich.edu!panix!ddsw1!news.kei.com!ssd.intel.com!
chnews!cmoore@network.ucsd.edu

Subject: what can cause chirp in homebrew CW transmitter?
To: ham-homebrew@ucsd.edu

Myron A. Calhoun (mac@cis.ksu.edu) wrote:
: I recently built a 6L6 CW xmtr of rather standard design, and, while it
: works OK on 80 meters, it chirps like a bird on 40 and above. The power

Myron, give us a few more details. Do you key the oscillator? How? All
oscillators chirp when keyed from non-oscillation into oscillation...
it's just that some come up to steady state so fast a human ear can't
hear the chirp and some are slow enough to hear. Cathode keying is not
the way to go. Grid block keying works well especially if you allow a
very low level of oscillation when the key is up and a high level of
oscillation when the key is down. That gives the oscillator a head start.

73, Cecil, KG7BK

End of Ham-Homebrew Digest V94 #107
